



November 20, 2014

L-2014-347  
10 CFR 50.4  
EPP 3.2.2

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Re: St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
Environmental Protection Plan Report  
316(b) Related Documentation

Pursuant to section 3.2.2 of the St. Lucie Environmental Protection Plan, Florida Power & Light Company (FPL) is forwarding the enclosed copy of 316(b) related documentation. The matter pertains to the Heated Water Plan of Study (HWPOS) under Florida Department of Environmental Protection (FDEP) IWWF Permit No. FL0002208 and Condition 17 of AO022TL.

Please contact Vince Munne' at (772) 263-2847 if there are any questions on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Joe', written over a circular scribble.

Joseph Jensen  
Site Vice President  
St. Lucie Plant

JJ/tt

Attachment

JE23  
MRR

St. Lucie Units 1 and 2

L-2014-347  
Attachment

St. Lucie Plant  
State IWWF Permit No. FL0002208 - Administrative Order AO022TL  
Florida Power & Light Company Heated Water Plan of Study  
(VPPSL056)  
1 Page



November 20, 2014

Mr. Marc Harris, P.E.  
Supervisor Power Plant NPDES Permitting  
Industrial Wastewater Section  
Florida Department of Environmental Protection  
2600 Blair Road, MS 3545  
Tallahassee, FL 32399-2400

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
7011 3500 0000 7495 6914

RE: St. Lucie Plant  
State IWWF Permit No. FL 00002208 and Administrative Order AO022TL  
Florida Power & Light Company – Heated Water Plan of Study

The purpose of this letter is to request the Department's authorization for Florida Power & Light Company (FPL) to end the off-shore thermal monitoring project required by AO022TL by the end of calendar year 2014. A Heated Water Plan of Study (HWPOS) was implemented as a result of the St. Lucie Plant Upgrades. FPL has been performing the HWPOS in the Atlantic Ocean in the vicinity of the St. Lucie Plant since February 8, 2013, pursuant to the Site's State IWWF Permit and the Department's Administrative Order AO022TL (AO).

The thermal studies are being performed in accordance with Condition 17 of the AO and the HWPOS approved by the Department on August 18, 2011. The HWPOS commenced within 90 days following the implementation of power upgrades and subsequent operation of both St. Lucie Plant units. The HWPOS is scheduled to run for twenty-four months from the date of commencement or until February 2015. FPL believes that ending the HWPOS in December 2014 will not in any way compromise the objectives of the study. Therefore, FPL requests a modification to Condition 17 of the AO to allow the HWPOS to end in December 2014.

FPL has also been performing biological studies in accordance with Condition 20 of the AO and the Biological Plan of Study (BPOS) approved by the Department on August 18, 2011. The BPOS commenced with baseline monitoring in August 2011 prior to the St. Lucie Plant's upgrade power operation. The biological studies are currently scheduled to end in December 2014 and will have been performed for twenty-four months following upgrade power operation as required by the AO.

FPL has appreciated the opportunity to work with the Department in this endeavor and is looking forward to the Department's favorable decision on this request.

Should you have any questions concerning this request, contact Vince Munne at 772-467-7453 or John Jones at 561-691-7056.

Sincerely,

A handwritten signature in black ink, appearing to read 'Joe Jensen', is written over a circular stamp or mark.

Joseph Jensen  
Site Vice President  
St. Lucie Plant

VPPSL056

cc: Siting Office, Local FDEP Office